

**BEST AVAILABLE COPY**

Page 1 of 5

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)			ATTY. DKT. NO. 5181-64700		SERIAL NO. 09/653,525		
			APPLICANT: Traversat et al		GROUP: 2152 2178		
			FILING DATE: August 31, 2000				
U.S. PATENT DOCUMENTS							
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
DN	A1	5,455,952	10/3/95	Gjovaag	717	108	
	A2	5,386,568	1/31/95	Wold, et al.	717	162	
	A3	5,423,042	6/6/95	Jalili, et al.	719	328	
	A4	5,481,721	1/2/96	Serlet, et al.	719	315	2001
	A5	5,557,798	9/17/96	Skeen, et al.	705	35	Technology Center 2100
	A6	5,944,793	8/31/99	Islam, et al.	709	220	
	A7	5,946,485	8/31/99	Weeren, et al.	717	109	
	A8	5,946,694	8/31/99	Copeland, et al.	707	103R	
	A9	4,491,946	1/1/85	Kryshow, Jr., et al.	370	453	
	A10	4,713,806	12/15/87	Oberlander, et al.	370	358	
	A11	4,809,160	2/28/89	Mahon, et al.	713	200	
	A12	4,939,638	7/3/90	Stephenson, et al.	710	244	
	A13	5,088,036	2/11/92	Ellis, et al.	707	206	
	A14	4,823,122	4/18/89	Mann, et al.	340	825.28	
	A15	4,956,773	9/11/90	Saito, et al.	717	104	
	A16	5,109,486	4/28/92	Seymour	709	224	
	A17	5,187,787	2/16/93	Skeen, et al.	719	314	
	A18	5,218,699	6/8/93	Brandle, et al.	719	328	
	A19	5,257,369	10/26/93	Skeen, et al.	719	312	
	A20	5,293,614	3/8/94	Ferguson, et al.	707	201	
	A21	5,297,283	3/22/94	Kelly, Jr., et al.	718	104	
	A22	5,307,490	4/26/94	Davidson, et al.	719	328	
	A23	5,311,591	5/10/94	Fischer	713	156	
	A24	5,339,435	8/16/94	Lubkin, et al.	717	121	
	A25	5,390,328	2/14/95	Frey, et al.	719	315	
✓	A26	5,440,744	8/8/95	Jacobson, et al.	709	203	

EXAMINER:

DATE CONSIDERED:

2/17/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Information Disclosure Statement--PTO 1449 (modified)

Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5181-64700

APPLICANT: Traversat et al

FILING DATE: August 31, 2000

SERIAL NO. 09/653,525

GROUP: ~~2152~~

2178

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
DN	A27	5,448,740	9/5/95	Kiri, et al.	717	155	
	A28	5,452,459	9/19/95	Drury, et al.	707	3	
	A29	5,471,629	11/28/95	Risch	707	201	
	A30	5,475,792	12/12/95	Stanford, et al.	704	333	
	A31	5,475,817	12/12/95	Waldo, et al.	719	316	
	A32	5,504,921	4/2/96	Dev, et al.	709	223	
	A33	5,511,197	4/23/96	Hill, et al.	719	328	
	A34	5,524,244	6/4/96	Robinson, et al.	717	140	
	A35	5,553,282	9/3/96	Parrish, et al.	707	10	
	A36	5,555,367	9/10/96	Premarlani, et al.	707	4	
	A37	5,555,427	9/10/96	Aoe, et al.	709	201	
	A38	5,560,003	9/24/96	Nilsen, et al.	707	206	
	A39	5,561,785	10/1/96	Blandy, et al.	711	170	
	A40	5,577,231	11/19/96	Scalzi, et al.	703	26	
	A41	5,594,921	1/14/97	Pettus	710	11	
	A42	5,603,031	2/11/97	White, et al.	719	317	
	A43	5,680,573	10/21/97	Rubin, et al.	711	129	
	A44	5,680,617	10/21/97	Gough, et al.	707	104.1	
	A45	5,684,955	11/4/97	Meyer, et al.	719	316	
	A46	5,689,709	11/18/97	Corbett, et al.	719	315	
	A47	5,706,435	1/6/98	Barbara, et al.	711	141	
	A48	5,706,502	1/6/98	Foley, et al.	707	10	
	A49	5,724,588	3/3/98	Hill, et al.	719	328	
	A50	5,727,145	3/10/98	Nessett, et al.	713	200	
	A51	5,617,537	4/1/97	Yamada, et al.	709	204	
	A52	5,628,005	5/6/97	Hurvig	707	8	
↓	A53	5,640,564	6/17/97	Hamilton, et al.	719	315	

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Information Disclosure Statement--PTO 1449 (modified)

**Form PTO-1449** (modified)

List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

PAT. DKT. NO. 5181-64700

APPLICANT: Traversat et al

FILING DATE: August 31, 2000

SERIAL NO. 09/653,525

GROUP: ~~2152~~

2/78

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
DN	A54	5,644,768	7/1/97	Periwal, et al.	718	102	
	A55	5,652,888	7/29/97	Burgess, et al.	719	318	
	A56	5,655,148	8/5/97	Richman, et al.	710	8	
	A57	5,659,751	8/19/97	Heninger	719	311	2001
	A58	5,671,225	9/23/97	Hooper, et al.	370	468	Technology Center 2100
	A59	5,675,796	10/7/97	Hodges, et al.	718	100	
	A60	5,737,607	4/7/98	Hamilton, et al.	719	316	
	A61	5,745,678	4/28/98	Herzberg, et al.	713	200	
	A62	5,745,695	4/28/98	Gilchrist, et al.	709	227	
	A63	5,745,703	4/28/98	Cejtin, et al.	709	238	
	A64	5,745,755	4/28/98	Covey	707	203	
	A65	5,748,897	5/5/98	Katiyar	709	219	
	A66	5,754,849	5/19/98	Dyer, et al.	707	101	
	A67	5,757,925	5/26/98	Faybishenko	709	203	
	A68	5,761,656	6/2/98	Ben-Shachar	707	4	
	A69	5,764,897	6/9/98	Khalidi	709	201	
	A70	5,768,532	6/16/98	Megerian	709	245	
	A71	5,774,551	6/30/98	Wu, et al.	713	155	
	A72	5,778,228	7/7/98	Wei	719	328	
	A73	5,778,368	7/7/98	Hogan, et al.	707	10	
	A74	5,787,425	7/28/98	Bigus	707	6	
	A75	5,787,431	7/28/98	Shaughnessy	707	100	
	A76	5,790,548	8/4/98	Sistanizadeh, et al.	370	401	
	A77	5,802,367	9/1/98	Held, et al.	719	332	
	A78	5,808,911	9/15/98	Tucker, et al.	719	316	
	A79	5,809,507	9/15/98	Cavanaugh, III	707	103R	
J	A80	5,813,013	9/22/98	Shakib, et al.	707	102	

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Form PTO-1449 (modified)

List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

PATENT & TRADEMARK OFFICE
JUL 31 2001
ATTY. DKT. NO. 5181-64700

APPLICANT: Traversat et al

FILING DATE: August 31, 2000

SERIAL NO. 09/653,525

GROUP: ~~2152~~

2178

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
DN	A81	5,815,149	9/29/98	Mutschler, III et al.	715	762	
	A82	5,815,709	9/29/98	Waldo, et al.	712	300	
	A83	5,815,711	9/29/98	Sakamoto, et al.	717	RECEIVED	
	A84	5,818,448	10/6/98	Katiyar	709	203	
	A85	5,829,022	10/27/98	Watanabe, et al.	711	178	JUL 31 2001
	A86	5,832,219	11/3/98	Pettus	709	Technology Center 2100	
	A87	5,832,529	11/3/98	Wollrath, et al.	707	206	
	A88	5,832,593	11/10/98	Wurst, et al.	29	750	
	A89	5,835,737	11/10/98	Sand, et al.	710	113	
	A90	5,842,018	11/24/98	Atkinson, et al.	715	501.1	
	A91	5,844,553	12/1/98	Hao, et al.	715	733	
	A92	5,845,129	12/1/98	Wendorf, et al.	710	200	
	A93	5,860,004	1/12/99	Fowlow, et al.	717	109	
	A94	5,860,153	1/12/99	Matena, et al.	711	216	
	A95	5,864,862	1/26/99	Kriens, et al.	707	103R	
	A96	5,864,866	1/26/99	Henckel, et al.	707	103R	
	A97	5,872,928	2/16/99	Lewis, et al.	709	222	
	A98	5,872,973	2/16/99	Mitchell, et al.	719	332	
	A99	5,875,335	2/23/99	Beard	717	139	
	A100	5,878,411	3/2/99	Burroughs, et al.	707	4	
	A101	5,884,024	3/16/99	Lin, et al.	713	201	
	A102	5,884,079	3/16/99	Furusawa	717	209	
	A103	5,887,134	3/23/99	Ebrahim	709	200	
	A104	5,890,158	3/30/99	House, et al.	707	10	
	A105	5,892,904	4/6/99	Atkinson, et al.	713	201	
	A106	5,933,497	8/3/99	Beetcher, et al.	709	59	
✓	A107	5,935,249	8/10/99	Stern, et al.	713	201	

EXAMINER:

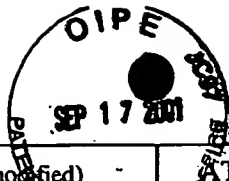
DATE CONSIDERED:

2/17/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

EXAMINER: *Kugertal* DATE CONSIDERED: 2/17/04

Information Disclosure Statement--PTO 1449 (modified)

**Form PTO-1449** (modified)List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5181-64700

APPLICANT: Traversat et al.

FILING DATE: August 31, 2000

SERIAL NO. 09/653,525

GROUP: ~~2152~~

2178

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
DN	D1	5,778,187	7/7/98	Monteiro, et al.	709	231	
DN	D2	5,832,529	11/3/98	Wollrath, et al.	707	206	
DN	D3	6,016,500	1/18/00	Waldo, et al.	707	202	

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
DN	C1	11-45187	10/10/97	JP			
	C2	2 253 079	8/26/92	GB			
	C3	2 262 825	6/30/93	GB			
	C4	2 305 087	3/26/97	GB			
	C5	300 516	1/25/89	EP			
	C6	351 536	1/24/90	EP			
	C7	384 339	8/29/90	EP			
	C8	472 874	3/4/92	EP			
	C9	474 340	3/11/92	EP			
	C10	497 022	8/5/92	EP			
	C11	555 997	8/18/93	EP			
	C12	565 849	10/20/93	EP			
	C13	569 195	11/10/93	EP			
	C14	697 655	2/21/96	EP			
	C15	660 231	6/28/95	EP			
	C16	651 328	5/3/95	EP			
	C17	625 750	11/23/94	EP			
	C18	718 761	6/26/96	EP			
	C19	767 432	4/9/97	EP			
	C20	778 520	6/11/97	EP			
	C21	794 493	9/10/97	EP			

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)	ATTY. DKT. NO. 5181-64700	SERIAL NO. 09/653,525
	APPLICANT: Traversat et al.	GROUP: 2152- 2178
	FILING DATE: August 31, 2000	

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
DN	C22	803 810	10/29/97	EP			
	C23	803 811	10/29/97	EP			
	C24	805 393	11/5/97	EP			
	C25	810 524	12/3/97	EP			
	C26	817 020	1/7/98	EP			
	C27	817 022	1/7/98	EP			
	C28	817 025	1/7/98	EP			
	C29	836 140	4/15/98	EP			
	C30	92/07335	4/30/92	WO			
	C31	92/09948	6/11/92	WO			
	C32	93/25962	12/23/93	WO			
	C33	94/03855	2/17/94	WO			
	C34	96/10787	4/11/96	WO			
	C35	96/03692	2/8/96	WO			
	C36	96/18947	6/20/96	WO			
	C37	96/24099	8/8/96	WO			
	C38	98/02814	1/22/98	WO			
	C39	98/04971	2/5/98	WO			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DN	C40	Jaworski, "Java 1.1 Developer's Guide, 2 nd Edition," Sams.net, 1997.
DN	C41	Coulouris, et al., "Distributed Systems Concepts and Designs," Second Edition, Addison-Wesley, 1994.
DN	C42	Mullender, "Distributed Systems," Second Edition, Addison-Wesley, 1993.
DN	C43	Lindholm, et al., "The Java TM Virtual Machine Specification," Addison Wesley, 1996.
DN	D4	"SOAP: Simple Object Access Protocol," msdn online Web Workshop, Microsoft, April 26, 2000, http://msdn.Microsoft.com/xml/general/soapspec.asp , 34 pages.
DN	D4	Rob Guth, "Sun tries on JcaSpaces for Distributed OS," August 1997, Vol. 19, Issue 34, 2 pages.
DN	D6	Microsoft, "Microsoft.NET: Realizing the Next Generation Internet," A Microsoft White Paper, June 2000, 8 pages.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)	CITY. DKT. NO. 5181-64700 APPLICANT: Traversat, et al. FILING DATE: August 31, 2000	SERIAL NO. 09/653,525 GROUP: 2152 2178
---	---	---

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	Inventors	CLASS	SUB CLASS	TRANSLATION YES/NO
DN	D1	6,324,566	11/27/01	Himmel, et al.	700	203	
DN	D2	6,332,062	12/18/01	Phillips, et al.	399	12	
↓	D3	6,405,175	6/11/02	Ng	705	14	
↓	D4	5,649,186	7/15/97	Ferguson	Technology Center	2100	

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
DN	D5	892 530	1/20/99	EP			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DN	D6	Morgenthaler, et al., U.S. Publication No. 2002/0032677, Published March 14, 2002, entitled "Methods for Creating, Editing, and Updating Searchable Graphical Database and Databases of Graphical Images and Information and Displaying Graphical Images From a Searchable Graphical Database or Databases in a Sequential or Slide Show Format".					
	D7	Granik, et al., U.S. Publication No. 2002/0010757, Published January 24, 2002, entitled "Method and Apparatus for Replacement of On-Line Advertisements".					
	D8	Do Rosario Botelho, et al., U.S. Publication No. 2002/0069105, Published June 6, 2002, entitled "Data Processing System for Targeted Content".					
	D9	Addante, U.S. Publication No. 2002/0004733, Published January 10, 2002, entitled "Method and Apparatus for Transaction Tracking Over a Computer Network".					
	D10	Ullman, et al., U.S. Publication No. 2002/0038344, Published March 28, 2002, entitled "Enhanced Video Programming System and Method for Incorporating and Displaying Retrieved Integrated Internet Information Segments".					
↓	D11	Uppaluru, U.S. Publication No. 2002/0080927, Published June 27, 2002, entitled "System and Method for Providing and Using Universally Accessible Voice and Speech Data Files".					
↓	D12	XP-002211482, "Federating and Administering Lookup Services", pp. 320-329, 405-419, 635-656, June 1999.					
DN	D13	XP-002212134, "The Search API's", pp. 297-305, 320-329 June 1999.					
DN	D14	"Network Nirvana and the Intelligent Device", Spotlight, XP-002927392, pp. 16-19, April 1999.					
DN	D15	"Behavioral Specification Using XML", McKee and Marshall, IEEE, pp. 53-59, 1999.					
DN	D16	"JavaSpaces", Chapter 15, XP-002212109, pp. 636-657, June 1999.					

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

RECEIVED

~~OCT 20 2003~~

Technology Center 2100

DATE CONSIDERED:

Page 1 of 3

Information Disclosure Statement--PTO 1449 (modified)

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)	ATTY. DKT. NO. 5181-64700 APPLICANT: Traversat et al. FILING DATE: August 31, 2000	SERIAL NO. 09/653,525 GROUP: 3152 2178
---	--	---

OTHER PART (Including Author, Title, Date, Pertinent Pages, Etc.)

DN	B60	Yin, et al., "Volume Leases for Consistency in Large-Scale Systems," IEEE Transactions on Knowledge & Data Engineering, Vol. 11, No. 4, pp. 563-576, July/August 1999.
	B61	Mitchell, et al., "An Overview of the Spring System," February 1994.
	B62	Mitchell, et al., "Mesa Language Manual," Xerox Corporation, Palo Alto Research Center, 1978.
	B63	McDaniel, "An Analysis of a Mesa Instruction Set," Xerox Corporation, May 1982.
	B64	McGrath, "Discovery and its Discontents: Discovery Protocols for Ubiquitous Computing," Presented at Center for Excellence in Space Data and Information Science, NASA Goddard Space Flight Center, April 5, 2000.
	B65	Mummert, et al., "Long Term Distributed File Reference Tracing: Implementation and Experience," Carnegie Mellon University School of Computer Science, pp. 1-28, November 1994.
	B66	Orfali, et al., "The Essential Distributed Objects Survival Guide," Chapter 11: Corba Commercial ORBs, pages 203-215, John Wiley & Sons, Inc., 1996.
	B67	Ousterhout, et al., "The Sprite Network Operating System," Computer, IEEE, pp. 23-36, February 1988.
	B68	Pier, "A Retrospective on the Dorando, A High-Performance Personal Computer," IEEE Conference Proceedings, The 10 th Annual International Symposium on Computer Architecture," 1993.
	B69	Hunt, "IDF: A Graphical Data Flow Programming Language for Image Processing and Computer Vision," Proceedings of the International Conference on Systems, Man, and Cybernetics, pp. 351-360, Los Angeles, Nov. 4-7, 1990.
	B70	IBM TM Technical Disclosure Bulletin, "Object Location Algorithm," Vol. 36, No. 09B, pp. 257-258, September 1993.
	B71	IBM, "Chapter 6 - Distributed SOM (DSOM)," SOMobjects Developer Toolkit Users Guide, Version 2.1, pages 6-1-6-90, October 1994.
	B72	Anonymous, "Change-Notification Service for Shared Filed," IBM Technical Disclosure Bulletin, Vol. 36, No. 8, pages 77-82, XP002109435 New York, US, November 1973.
	B73	IBM TM Technical Disclosure Bulletin, "Retrieval of Qualified Variables Using Extendible Hashing," Vol. 36, No. 12, pp. 301-303, December 1993.
	B74	Anonymous, "Resource Preemption for Priority Scheduling," IBM TECHNICAL DISCLOSURE BULLETIN, Vol. 16, No. 6, page 1931, XP002109435 New York, US, November 1973.
	B75	IBM TM Technical Disclosure Bulletin, "Local Network Monitoring to Populate Access Agent Directory," Vol. 36, No. 09A, pp. 403*405, September 1993.
	B76	MUX-Elektronik, Java 1.1 Interactive Course, www.lls.se/~mux/javaic.html, 1995.
	B77	Jones, et al., "Garbage Collection: Algorithms for Automatic Dynamic Memory Management," pages 165-175, John Wiley & Sons, 1996.
	B78	Kambhatla, et al., "Recovery with Limited Replay: Fault-Tolerant Processes in Linda," Oregon Graduate Institute, Technical Report CSIE 90-019, pp. 1-16, September 1990.
✓	B79	Kay, et al., "An Overview of the Raleigh Object-Oriented Database System," ICL Technical Journal, Vol. 7, No. 4, pp. 780-798, Oxford, GB, November 1991.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.